

PATENT ABSTRACTS OF JAPAN

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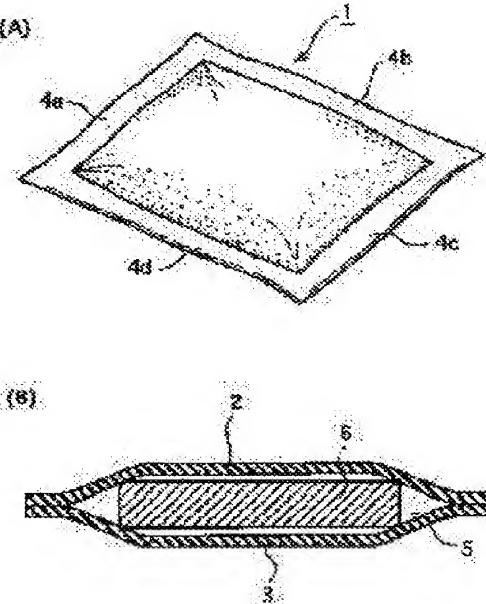
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(54) LIQUID ABSORBER

(57)Abstract:

PURPOSE: To quickly and efficiently absorb a liquid by providing an air nonpermeable layer on one face side of a bag-like body or a tube-like body, providing a liquid permeable material layer on the other face side, and arranging a liquid absorbing material in the bag-like body to form a liquid hold section.

CONSTITUTION: An air nonpermeable layer 2 is formed with a polyolefin resin, a vinyl chloride resin, nylon, or a polyester resin. A liquid permeable material layer 3 is formed with a nonwoven fabric laminated with a span bond nonwoven fabric and a melt blown nonwoven fabric at the METSUKE quantity ratio of 1/4-10/1 and having a lipophilic property, the water resistance of 1-150cm, the air permeability of 5-5000cc/cm².sec, and the METSUKE quantity of 10-200g/m². The air nonpermeable layer 2 and the liquid permeable material layer 3 are overlapped, and three side walls 4a, 4b, 4c are stuck and sealed to form a liquid hold section 5. A liquid absorbing material made of synthetic fibers or wood powder is filled from the opened side end 4d at the filling factor of 8% or below, and the side end 4d is sealed to form a liquid absorber 1.



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